

Form PTO-1449

Docket Number (Optional) A1712

Application Number 09/761,969

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Applicant Garrity et al.

Filing Date 01/16/01

Group Art Unit unknown

1641

JUN 04 2001

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
L/C	3,901,654	08/1975	Gross	23	230B	6/21/71
	3,880,934	04/1975	Rammner	260	613D	2/10/72
	3,879,262	04/1975	Schuurs et al.	195	63	5/1/73
	3,850,752	11/1974	Schuurs et al.	195	103.	10/29/71
	3,850,578	11/1974	McConnell	23	230B	2/19/74
	3,839,153	10/1974	Schuurs et al.	195	103.R	12/10/71
	3,817,837	06/1974	Rubenstein et al.	195	103.SR	5/14/71
	3,791,932	02/1974	Schuurs et al.	195	103.SR	1/27/72
L/C	3,654,090	04/1972	Schuurs et al.	195	103.S	9/24/68

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
L/C	GB 1,392,403	4/30/75	United Kingdom	C07C	79/34	x	
	FR 2,201,299	4/26/74	France	C07G	17/00		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Olivia L. Cook

DATE CONSIDERED

7/11/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Group Art Unit unknown 1641

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
L/C	4,121,975	10/78	Ullman et al.	195	99	8/20/76
	4,380,580	04/83	Boguslaski et al.	435	7	6/21/79
	4,816,417	03/89	DeLuca et al.	436	501	8/14/87
	4,935,339	06/90	Zahradnik	435	5	5/7/85
	4,956,303	09/90	Self	436	542	4/28/87
	5,064,770	11/91	DeLuca et al.	436	542	8/1/89
	5,110,833	05/92	Mosbach	521	50	3/29/90
	5,110,932	05/92	Law et al.	546	102	3/1/90
	5,202,266	04/93	Nakagawa et al.	436	501	7/22/91
	5,232,836	08/93	Bouillon et al.	435	8	2/18/92
	5,281,712	01/94	McCapra et al.	546	104	3/30/92
	5,283,334	01/94	McCapra	546	104	3/30/92
	5,284,951	02/94	McCapra et al.	546	107	3/30/92
	5,284,952	02/94	Ramakrishnan	546	104	3/30/92
	5,290,936	03/94	Beheshti et al.	546	104	3/30/92
L/C	5,321,136	06/94	McCapra	546	104	3/30/92

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

L/C		"Measurement of Calcium, Phosphate, Parathyroid Hormone, and Vitamin D" by Heinrich Schmidt-Gayk; <i>Dynamics of Bone and Cartilage Metabolism</i> pp. 375-399; (1999)
		"Determination of vitamin D3 metabolites: state-of-the-art and trends" by Luque de Castro et al.; <i>Journal of Pharmaceutical and Biomedical Analysis</i> 20 (1999) pp. 1-17
		"Two Direct (Nonchromatographic) Assays for 25-Hydroxyvitamin D" by Bouillon et al.; <i>Clinical Chemistry</i> , Vol 30 No. 11 pp 1731-1736; (1984)
		Directional insert of Biosource International Europe S.A. entitled: "25OH-VIT.D3-RIA-CT"
L/C		Directional insert of IDS, Inc. entitled: "Gamma-B 25-Hydroxy Vitamin D RIA" AA-35PS, 01/06/1999, issue 3

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Olivia L Cook

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	RULING DATE IF APPROPRIATE
LVC	5,338,847	08/94	McCapra	546	104	3/30/92
	5,395,938	03/95	Ramakrishnan	546	104	8/21/92
	5,538,901	07/96	Law et al.	436	501	8/18/94
	5,641,690	06/97	Self	436	548	11/20/95
	5,705,622	01/98	McCapra	536	23.1	3/28/96
	5,807,675	09/98	Davalian et al.	435	6	6/7/95
	5,821,020	10/98	Hollis	436	63	7/14/95
	5,840,867	11/98	Toole et al.	536	23.1	5/3/94
LVC	5,981,779	11/99	Holick et al.	552	653	6/10/98

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LVC		Directional insert of Nichols Institute Diagnostics entitled: "25-OH-D 60T kit"
		Instruction Manual of Incstar Corporation (07/1992)
		Instruction manual for Jummn Diagnostik entitled: "25OH Vitamin D Enzyme-based-Protein -Binding-Assay"
		"Competitive protien-Binding Radioassays for 25-OH-D; Clinical Applications; by Hadda, Jr.
LVC		

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Alexa. J. Cook

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Form PFO-449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number (Optional) A-1712

Application Number 09/761,969

Applicant **Garrity et al.**

Filing Date 01/16/01

Group Art Unit 1641

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Lyc	EP 0 750 743	1-15-1997	YES	GOIN	33/82		
①	DE 198 40 435	12-30-1999		GOIN	33/82		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LYC	"The Simultaneous Measurement of Vitamin D Metabolites in Plasma: Studies in Healthy Adults and in Patients with Calcium Nephrolithiasis" by Caldas, A.E., et al.; <i>Journal of Laboratory and Clinical Medicine</i> , St. Louis, MO, Vol 91, no 5, (1978) pp.840-849
	"A Direct Non-Extraction Enzyme Immunoassay for Measurement of 25 Hydroxyvitamin D" by Gardner, M.J., et al.; <i>Journal of Bone and Mineral Research</i> , New York, NY., Vol 16, No. Suppl 1, Sept. 2001 (2001-09), pg. S434, ANSU528
LYC	"Comparison of the Nichols Advantage and the Conventional Competitive Protein Binding Assay for the Measurement of Circulating Concentration of 25-Hydroxyvitamin D in Human and Non-Human Primates." by Chen, T.C., et al.; <i>Journal of Bone and Mineral Research</i> , Vol 16, No. Suppl 1; Sept. 2001 (2001-09), pg S434
LYC	PCT International Search Report; June 6, 2003

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① English abstract considered LVC 7/11/03